

**U.S. DEPARTMENT OF LABOR**  
**WAGE AND LABOR STANDARDS ADMINISTRATION**  
 Bureau of Labor Standards

**MATERIAL SAFETY DATA SHEET** (SPRAY)  
 9-1-84

**SECTION I**

MANUFACTURER'S NAME <b>WD-40 Company</b>		EMERGENCY TELEPHONE NO. <b>619/275-1400</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>1061 Cudahy Place (92110), P. O. Box 80607, San Diego, California 92138-9021</b>		
CHEMICAL NAME AND SYNONYMS <b>Organic mixture</b>	TRADE NAME AND SYNONYMS <b>WD-40 spray cans</b>	
CHEMICAL FAMILY	FORMULA	

**SECTION II. HAZARDOUS INGREDIENT**

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS Not applicable			BASE METAL Not applicable		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
(1) Aliphatic petroleum distillate (stoddard solvent) CAS 8052-41-3 over				50	500ppm
(2) Petroleum base oil (CAS 8012-95-1) over				15	
(3) A-70 hydrocarbon propellant (liquified petroleum gas) (CAS 68476 85 7*)				25	1000ppm
(4) Proprietary corrosion inhibitors and wetting agents *				Balance	

**SECTION III. PHYSICAL DATA**

BOILING POINT (°F.)		SPECIFIC GRAVITY (H <sub>2</sub> O=1)	Total mix in can	.710
VAPOR PRESSURE (mm Hg.)	In cans @ 70° F. 50 psig	PERCENT VOLATILE BY VOLUME (%)	Total can contents	80
VAPOR DENSITY (AIR=1)	greater than 1	EVAPORATION RATE (_____ =1)		
SOLUBILITY IN WATER	insoluble - forms unstable emulsion.			
APPEARANCE AND ODOR	light amber colored liquid slight characteristic odor.			

**SECTION IV. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
Not applicable to spray cans	propellant portion	1.8% vol	9.5% vol
EXTINGUISHING MEDIA	CO <sub>2</sub> , dry chemical, foam		
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Considered "extremely flammable" under Consumer Product Safety Commission regulations.		

## THRESHOLD LIMIT VALUE

For thinner (lowest TLV of all components)

500 ppm.

EFFECTS OF OVEREXPOSURE Drying of skin, eye irritation, inhalation of vapor may cause anesthesia, headache, dizziness, nausea & upper respiratory irritation. Swallowing can cause irritation, nausea, vomiting, and diarrhea. Aspiration into lungs can cause chemical pneumonitis.

## EMERGENCY AND FIRST AID PROCEDURES

For ingestion, do not induce vomiting, call a physician. For eye contact, flush with plenty of water, remove contact lenses if worn. For skin contact, wash with soap and water, apply skin cream. For inhalation, remove to fresh air, give artificial respiration if necessary; if breathing is difficult, give oxygen.

Carcinogen Information: N/A

## SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII SPILL OR LEAK PROCEDURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Spills unlikely from cans. Leaking cans should be placed in plastic bag or open pail until pressure has dissipated.

## WASTE DISPOSAL METHOD

Empty spray cans should not be punctured or incinerated, bury in land fill. Liquid should be incinerated or buried in land fill.

## SECTION VIII SPECIAL PROTECTION INFORMATION

## RESPIRATORY PROTECTION (Specify type)

VENTILATION	LOCAL EXHAUST	SPECIAL
	Sufficient to keep solvent vapor less than TLV.	None
		OTHER
		None

PROTECTIVE GLOVES None required

EYE PROTECTION None required

OTHER PROTECTIVE EQUIPMENT None required.

## SECTION IX SPECIAL PRECAUTIONS

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep from sources of ignition. Do not take internally. Avoid excessive inhalation of spray particles. Do not store above 120°F. Do not incinerate or puncture containers.

## OTHER PRECAUTIONS